Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 04 Aug 2023 until 23:59 on Saturday 05 Aug 2023

Forecast Issued on Thursday 03 Aug 2023 at 15:15

Confidence: High for most aspects. Moderate confidence in showers on Friday and general conditions on Tuesday.

Headline for Friday 04 Aug 2023: Low cloud slowly lifting, then a fine day with bright or sunny spells. Risk of showers, particularly in the east.

Mountain weather hazards on Friday 04 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Light rain	Light rain showers	Light rain showers	Sunny intervals	Cloudy
Precipitation probability							
20%	20%	20%	30%	30%	30%	10%	10%

Forecast for Friday 04 Aug 2023

Weather: Low cloud and patchy drizzle at first, but cloud will quickly lift and break during the morning to allow for bright or sunny spells during the afternoon. Showers are likely at times, particularly in the east of the Peak District, and may be heavy and thundery where they occur. Higher cloud during the late afternoon will thicken from the west during the evening, with rain arriving in the early hours of the morning.

Chance of cloud-free hill tops above 600m: 20% becoming 90%

Low cloud and visibility: Areas of cloud base 300-400m at first, lifting towards 600m by midday, then clearing all summits during the afternoon and breaking up slightly. Lower cloud will then increase again overnight, becoming gradually lower and more extensive. Visibility very poor in any cloud covering hills and in any early drizzle, but generally very good for the rest of the day. Poor visibility in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 04 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 W	9/12 NW	8/11 NW	7/10 NW	8/13 NW	12/17 W	12/18 NW	7/13 W	7/10 SW
300	8/12 W	9/13 W	7/11 W	9/13 NW	8/13 NW	12/18 NW	10/16 NW	6/11 W	5/8 SW
Valley	5/11 W	5/10 NW	5/9 NW	7/13 NW	7/13 NW	9/17 NW	9/17 NW	4/10 W	3/7 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/9	10/8	10/9	11/9	12/10	12/9	10/8	9/7
300	13/12	12/11	12/11	12/11	14/12	15/13	14/12	12/11	12/11
Valley	14/13	13/12	13/12	13/12	15/14	16/15	15/14	13/12	12/11
Freezing Level*	2500m	2400m	2300m	2300m	2200m	2000m	1900m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High levels of UV despite some cloud, so sun protection is recommended. Note some risk of thundery showers, particularly in the eastern Peak District.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 03 Aug 2023	3mm	20.2mm	33.6mm

Forecast for Saturday 05 Aug 2023

Weather: Cloudy with persistent rain for most of the day, turning heavy at times, and with a low risk of thunder within heavier bursts.

Maximum wind: Easterly becoming northerly 15-20 mph gusting 30 mph

Chance of cloud-free hill tops above 600m: 10%

Low cloud and visibility: Extensive cloud base 300m or below for most of the day. Very poor visibility in cloud covering hills and in heavy rain.

Temperature: **Valleys:** Plus 12 Celsius
At 600m: Plus 9 Celsius
Freezing level: Above the summits.

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